

FireStore™

FS-3

Camera Mount DTE Recorder



USER GUIDE

ADDENDUM

Version 1.3

FOCUS
enhancements

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INTRODUCTION

This User Guide addendum describes functionality of FireStore FS-3 units that have firmware version 1.3 or above. This addendum is to be used in conjunction with the FS-3 version 1.2 User Guide (MANL-0912-02).

In order to determine the version of firmware you are using, navigate to OS VERSION # in the FS-3 SETUP MENU. The version number will display on the FS-3 LCD. If you have an earlier version of firmware and would like to update to version 1.3, it is possible to download the latest version from the FOCUS Enhancements support website at: <http://www.focusinfo.com/support>.

If you require further assistance, in the US and Canada contact FOCUS Enhancements technical support at:

www.FOCUSinfo.com

E-mail: support@focusinfo.com

Telephone: 408-370-9963. 8AM – 5PM

Monday to Friday, Pacific time.

(Hint: Mondays tend to be the busiest.)

Fax: 408-866-4859

Firestore FS-3 now includes additional file formats in the REC FORMAT menu; PINNACLE AVI, 24p AVI Type 2 and 24p QuickTime. To navigate to REC FORMATS, select MENU -> REC FORMAT from the FS-3 menu. The following list of formats now appears (new file formats have been underlined):

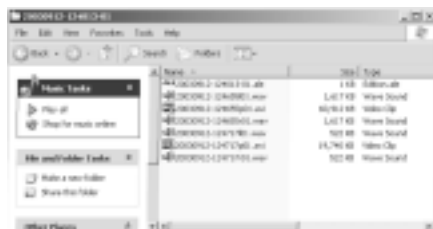
RAW DV
AVI TYPE 1
AVI TYPE 2
24P AVI TYPE 2
CANOPUS AVI
MATROX AVI
PINNACLE AVI
QUICKTIME
24P QUICKTIME
AVID OMF

Once you have finished a Pinnacle recording session, do the following:

1. From the FireStore SETUP MENU, select ORGANIZE PINN.
2. You will be asked "ORGANIZE PINNACLE CLIPS? Select YES.
3. It is now possible to remove the disk drive from FireStore to begin editing.

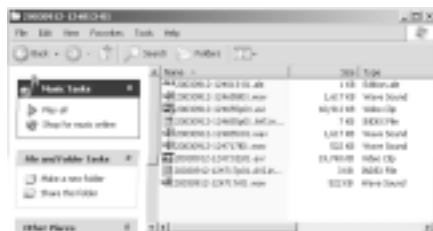
The Pinnacle AVI file format was created for use with products such as Pinnacle Liquid Edition. The Pinnacle AVI file format creates three files simultaneously during a recording; an AVI video

file and two separate WAV audio files labeled as left and right. An additional "Edition.ale" file per recording session is also created which contains timecode data. This file must be kept with the media. See below:



When used with Pinnacle applications such as those listed above, it is possible to use the clips directly in the Pinnacle timeline without first having to convert the clips or extract audio from the AVI file. In order to import clips into the Pinnacle application, use the Pinnacle import media files function.

Once clips have been imported into Liquid Edition, an Index file is created on the disk drive per clip. Do not delete this file as it is required to continue work in the particular project. See below:

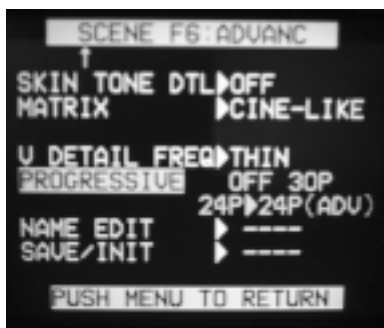


NOTE: For products such as Pinnacle DV500, DV500 Plus and ProONE, use the AVI TYPE 2 file format. For Pinnacle CineWave, use the QUICKTIME file format.

1.2 24P AVI Type 2 and 24P QuickTime

NOTE: This feature is only for NTSC FireStore FS-3 models.

The 24p AVI Type 2 and 24p QuickTime file formats were created for use with products such as Apple Final Cut Pro, Adobe Premiere Pro 1.5, in-sync Blade and Sony Vegas Video that support 24p editing modes (progressive scan, 24 frames per second). 24p is only for use with camcorders that support 24p record modes such as the Panasonic DVX-100, DVX-100A and the Canon XL2. In order to use these modes, you must first set your camcorder to 24p Advanced mode (it is also possible to use the 24p standard mode). On the Panasonic DVX-100 and -100A, open the camcorder Menu System and navigate to SCENE FILE -> PROGRESSIVE 24P (ADV).



Once set, your camcorder will output a 24p DV stream via the FireWire port. On a Canon XL2, simply switch the camcorder to 24p mode using the frame rate control.

When imported into the application, clips can be used instantly within 24p projects. Files will appear in these applications as DV-NTSC 23.98 frames per second clips.

Use the following REC FORMATS for 24p editing in these applications:

Application

24p AVI TYPE 2

Adobe Premiere Pro 1.5

In-sync Blade

Sony Vegas Video

24p QUICKTIME

Apple Final Cut Pro

NOTE: This REC FORMAT is only intended for use with camcorders that support the 24p DV standard. Files recorded in 24p AVI TYPE 2 or 24p QUICKTIME are only for use in applications that support 24p edit modes.



The previous CLIP PREVIEW menu item in the SETUP menu has been replaced with the STOP OUTPUT menu. It is now possible to set stop output to one of the following:

CLIP PREVIEW – When CLIP PREVIEW is selected, the camcorder is in VTR mode and the user scrolls from one clip to the next on FS-3 using the index buttons, the first frame of each clip will be generated and showed via the DV output after one second if the user pauses on that clip.

GRAY – When GRAY is selected and FS-3 is in STOP mode, a GRAY splash screen is output via the DV port.

NO OUTPUT – When NO OUTPUT is selected and FS-3 is in STOP mode, there is no signal output via the DV port. For example, if FS-3 is in AV/C CONTROL MODE and is being controlled by a DV device via FireWire such as a DV VTR or a DV converter (such as a Miranda DVC-100 or DVC-800), it is necessary to use the NO OUTPUT setting.

The format disk function on FS-3 has been enhanced. When multiple disk drives are connected (internal and/or external), it is now possible to select which disk you would like to format. When you select **FORMAT** from the **FS-3 UTILITIES** menu, you will be asked to confirm which disk you wish to format. To select between available disk drives, press the forward and backward index buttons on the FS-3 front panel (drives are ordered according to when they were formatted. The oldest format will appear as Volume 1).

**WARNING: FORMAT ERASES ALL DATA
ON THE DISK DRIVE!**

FORMAT	DISK
VOLUME	1?
SIZE:	037 Gig
FREE:	163 Min
EXIT	YES NO

Finally, select YES to begin the format process.

4.0 USING FS-3 WITH MIRANDA DVC-100/-800 SERIES CONVERTERS

It is now possible to use FireStore FS-3 with Miranda DVC-100 and DVC-800 series converters. The Miranda DVC-100 series converters allow FS-3 to be used with selected Digital Betacam, BetacamSX, MPEG IMX and DVCPRO50 camcorders. Consult with Miranda regarding compatible camcorders for the DVC-100. The Miranda DVC-800 series converters allow FS-3 to be used with selected HDCAM and DVCPROHD camcorders. In both cases, FS-3 still records a standard definition DV25 (PAL or NTSC) signal to disk in the selected DTE format.

On certain camcorders, in addition to video I/O connections, it is necessary to connect to the Miranda's LTC IN port with a timecode output feed from the camcorder. In all cases, it is necessary to have a tape in the camcorder to trigger record and record pause on FS-3 from the camcorder's VTR button. Contact Miranda for more information.

To connect FS-3 to a Miranda DVC series converter, do the following:

- 1) Connect the DVC-100 or DVC-800 to the desired camcorder and ensure it is working properly.
- 2) Connect FS-3 to the rear of the Miranda using the battery plate mounts.

- 3) Connect FS-3's supplied 6-pin to 6-pin FireWire cable between FS-3's "DV I/O" connector and the Miranda's "DV IN/OUT" port.



- 4) Using the Miranda dip switches, set DV CONTROL to ON and RS232C to CTRL.
- 5) In the FS-3 menu, set CONTROL to AV/C. In the SETUP menu, select STOP OUTPUT to NO OUTPUT.

For more information on using this setup, contact Focus Enhancements' tech support or Miranda tech support.

NOTES:



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